

Title (en)
BALL VALVE FOR UNDERSEA PIPELINES

Publication
EP 0244068 B1 19900207 (EN)

Application
EP 87302086 A 19870311

Priority
NO 860923 A 19860312

Abstract (en)
[origin: EP0244068A1] A ball valve device for subsea applications, particularly intended to be connected into subsea pipeline systems which lead a flowing medium (gas and/or oil) in subsea condition, capable of being dismantled for inspection and maintenance. The ball arrangement of the valve consists of an upper ball member (3), and a lower ball member (4) the upper ball member (3) includes the main packings of the valve, while the lower ball member (4) includes two axially withdrawable sleeves (13). When the valve is open the sleeves (13) can be withdrawn outwards for intervention with guides in the valve housing (1) and thereby form a tight continuous passageway which extends from one of the openings in the valve housing (1) to the second opening in the valve housing (1). The axial withdrawable sleeves (13) can be moved inwards to a position where they are free from its other guides to allow the ball arrangement to rotate during closing of the valve.

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F16K 5/20; F16K 43/00; F16L 55/10

IPC 8 full level
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CPC (source: EP US)
F16K 5/0647 (2013.01 - EP US); **F16K 27/067** (2013.01 - EP US); **E21B 2200/04** (2020.05 - EP US); **Y10T 137/6035** (2015.04 - EP US); **Y10T 137/6099** (2015.04 - EP US); **Y10T 137/7668** (2015.04 - EP US)

Cited by
EP0341449A3; US4901752A; CN114165615A; CN107339544A; GB2333813A; GB2333813B; WO2012013018A1

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